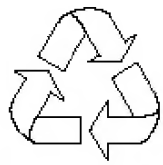
Acer AL1921

Service Guide

Service guide files and updates are available on the CSD web; for more information, please refer to http://csd.acer.com.tw



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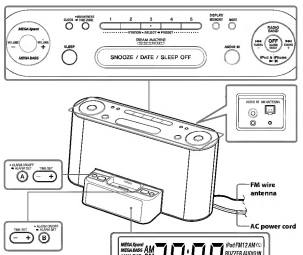
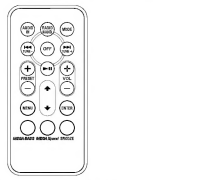


The STATION • SELECT ▶ PRESET 3, VOLUME + and iPod ⏯ iPhone ▶II buttons have a tactile dot.



The ▶II and VOL + buttons have a tactile dot.

Setting the clock for the first time

This unit is preset to the current EST (Eastern Standard Time) at the factory, and is powered by backup battery. All you need to do the first time is **1** plug it in and **2** set your time zone.

1 Plug in the unit.
The current EST (Eastern Standard Time) appears in the display.

2 Press and hold **■ TIME ZONE** for at least 2 seconds.
Area number "2" flashes in the display.

3 Press **TIME SET +** or – repeatedly to select the number as follows:

Area number	Time zone
1	Atlantic standard Time
2 (default setting)	Eastern standard Time
3	Central standard Time
4	Mountain standard Time
5	Pacific standard Time
6	Yukon standard Time
7	Hawaiian standard Time

4 Press **■ TIME ZONE** to set.

Note
Though the clock is correctly set at the factory, discrepancies may arise during transport or storage. If necessary, set the clock to the correct time by referring to "Setting the clock manually."

When Daylight Saving Time (summer time) begins

This model automatically adjusts for Daylight Saving Time (summer time).
"☀" is displayed from the beginning of Daylight Saving Time (summer time) and disappears at the end of Daylight Saving Time (summer time) automatically.

- Daylight Saving Time (summer time) begins at: 2:00 AM on the second Sunday of March.
- Standard Time begins at: 2:00 AM on the first Sunday of November.

To cancel Automatic OST/Summer Time adjustment during the Daylight Saving Time (summer time) period

The Automatic DST/Summer Time adjustment can be cancelled.
Press and hold **CLOCK** and **SNOOZE/DATE/SLEEP OFF** at the same time at least 2 seconds while the clock is displayed.
"☀" and "OFF" appear in the display to show that Automatic DST/Summer Time adjustment has been canceled. The display returns to the clock.

Notes
- Changes to Automatic DST/Summer Time adjustment by the unit (see above) are subject to circumstances and laws in each country/region. Should this interfere with desired adjustment, cancel the Automatic DST/Summer Time adjustment and set the DST display manually as necessary. Customers living in a country/region that does not use Daylight Saving Time (summer time) must cancel Automatic DST/Summer Time adjustment before using the unit.
- To activate Automatic DST/Summer Time adjustment again, press and hold **CLOCK** and **SNOOZE/DATE/SLEEP OFF** at the same time at least 2 seconds.
"☀" and "AUTO" appear in the display to show that Automatic DST/Summer Time adjustment has been activated. The display returns to the clock.

Setting the clock manually

1 Plug in the unit.
2 Press and hold **CLOCK** until the year flashes in the display.
3 Press **TIME SET +** or – repeatedly to set the year.
4 Press **CLOCK**.
5 Repeat steps **3** and **4** to set the month, day, hour and minute, and then press **CLOCK**.
The seconds start incrementing from zero.

Notes
- If you do not press any button for about 1 minute while setting the clock, the clock setting will be canceled.
- A calendar is installed in this unit. When the date is set, the day of the week is automatically displayed.
MON = Monday, TUE = Tuesday,
WED = Wednesday, THU = Thursday,
FRI = Friday, SAT = Saturday, SUN = Sunday

To display the year and date

Press **SNOOZE/DATE/SLEEP OFF** (**SNOOZE** on the remote) once for the date, and press it again for the year.
After a few seconds, the display will change back to the current time automatically.

Setting the brightness of the display

Three levels of brightness are available by pressing **• BRIGHTness.**

High (default) → Middle → Low

Even if you set the level of brightness to Low, it will be changed to Middle, while ALARM is occurring.

Playing the radio

–Manual tuning

1 Press **RAOIO BANO** to turn on the radio.
2 Press **RAOIO BANO** repeatedly to select the desired band.
Each press changes the band as follow.

FM1 → FM2 → AM

FM1 and FM2 are the same frequency bands.
3 Press **TUNING +** or **– (TUNE +** or **–** on the remote) to tune into the desired station.
4 Adjust volume using **VOLUME +** or **– (VOL +** or **–** on the remote).
To turn off the radio, press **OFF.**

Tuning in to a station

The unit automatically scans AM or FM stations.

1 Follow steps **1** to **2** in "Manual tuning" and select the AM or FM band.
2 Press and hold **TUNING +** or **– (TUNE +** or **–** on the remote).
+ : scans upward through the frequency bands.
– : scans downward through the frequency bands.
Scanning starts from the currently-tuned frequency. When a station is received, scanning stops.
3 Adjust the volume using **VOLUME +** or **– (VOL +** or **–** on the remote).

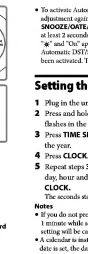
–Preset tuning

You can preset up to 10 stations in FM (5 stations in FM1, 5 stations in FM2), and 5 stations in AM.

Presetting a station

1 Follow steps **1** to **4** in "Manual tuning" and manually tune into the station you wish to preset.
2 Press and hold the desired **STATION • SELECT ▶ PRESET 1** to **5** buttons until the preset number display changes from flashing to fully lit.

Example: To preset FM 89.8 MHz onto the preset 5 button.



After a while, the display will return to the current time.
To preset another station, repeat these steps.
To change the preset station, tune into the desired station and hold down the **STATION • SELECT ▶ PRESET 1** to **5** button. The new station will replace the previous station on the preset button.

Tuning in to a preset station

1 Follow steps **1** to **2** in "Manual tuning" and select the AM or FM band.
2 Press one of the **STATION • SELECT ▶ PRESET** buttons where the desired station is stored.
The preset station can also be selected by **PRESET +** or – on the remote.
3 Adjust the volume using **VOLUME +** or **– (VOL +** or **–** on the remote).

–Auto preset tuning

1 Follow steps **1** to **2** in "Manual tuning" and select the AM or FM band.
2 Press and hold **RAOIO BANO** until "AP" flashes in the display.
3 Press **OSPLAY/MEMORY.**
The unit automatically presets the available channels in order.

Tip
To stop auto preset tuning, press **OFF/ALARM RESET**.

To display the preset number and frequency of the current station

Press **OSPLAY/MEMORY** once for the preset number, and press it again for the frequency.
If you press **OSPLAY/MEMORY** once only, the display shows the preset number for about 2 seconds, then changes to the frequency.
After a few moments, the display returns to the current time.

Improving the reception

FM: Extend the FM wire antenna fully to increase reception sensitivity.
AM: Connect the supplied AM loop antenna to the unit. Rotate the antenna horizontally for optimum reception.

Notes on radio reception

- Keep digital music players or mobile phones away from the AM loop antenna or the FM antenna, as this may lead to reception interference.
- When you are listening to the radio with an iPhone connected to the unit, interference with radio reception may occur.
- When you are listening to the radio while charging an iPod, interference with radio reception may occur.

Tip
If the FM broadcast is noisy, press **MOOE** until "MONO" appears in the display, the radio will play in monaural and the sound will become clearer.

Playing an iPod

You can enjoy iPod audio by connecting to this unit. To use an iPod, refer to the user's guide of your iPod.
If you are using an iPhone or iPhone 3G, attach the supplied universal dock adapter for iPhone or iPhone 3G before inserting into the connector. The adapter number, Ⓐ or Ⓑ, is shown on the bottom rear of the supplied universal dock adapters. Ⓐ is for the iPhone, and Ⓑ is for the iPhone 3G. Check the adapter number before use.

Universal dock adapter

Notes
- When inserting an iPod into the unit, be sure to use the universal dock adapter supplied with your iPod or commercially available from Apple Inc.
- The connector of the unit is exclusively for use with an iPod. If you use a device that does not match the connector, connect it to the **AUXIO IN** terminal of this unit with the supplied audio connecting cable.
- Sony cannot accept responsibility in the event that data recorded on an iPod is lost or damaged when using an iPod connected to this unit.
- For details of environmental conditions for operating your iPod, check the website of Apple Inc.

1 Attach the adapter for your iPod/iPhone.
2 Insert your iPod/iPhone into the connector of the unit.

3 Press **iPod ⏯ iPhone ▶II.**
The iPod begins to play automatically.
You can operate the connected iPod by this unit or the iPod buttons.
4 Adjust the volume using **VOLUME +** or **– (VOL +** or **–** on the remote).

To	Press
Turn off the iPod	**OFF,** or press and hold **iPod ⏯ iPhone ▶II**
Pause playback	**iPod & iPhone ▶II** To resume play, press it again.
Go to the next track	**▶▶|** (forward)
Go back to the previous track	**|◀◀** (backward)*
Locate a point while listening to the sound	**▶▶|** (forward) or **|◀◀** (backward) while playing and hold it until you find the point.
Locate a point while observing the display	**▶▶|** (forward) or **|◀◀** (backward) in pause and hold it until you find the point.
Go back to the previous menu	**MENU/****
Select a menu item or a track for playback	+ (up)/– (down)**
Execute the selected menu or begin playback	**ENTER****
Change to the shuffle mode	**MOOE**

* During playback, this operation goes back to the beginning of the current track. To go back to the previous track, press twice.
** These operations are available only when using the supplied remote commander.

Notes

- When placing or removing the iPod, hold the iPod at the same angle as that of the connector on this unit, and do not twist or bend the iPod as connector damage may result.
- Do not carry the unit with an iPod set on the connector. Doing so may cause a malfunction.
- When placing or removing the iPod, hold the Docking Trim cover with one hand and take care not to press the controls of the iPod by mistake.
- Before disconnecting the iPod, pause playback.

To use the unit as a battery charger

You can use the unit as a battery charger.
Charging begins when the iPod is connected to the unit.
Charging status appears in the iPod display. For details, see the user's guide of your iPod.

On copyrights

- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- iPhone is trademark of Apple Inc.
- All other trademarks and registered trademarks are of their respective holders. In this manual, ™ and ® marks are not specified.
- "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
- "Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Setting the alarm

This clock radio is equipped with 3 alarm modes—iPod, radio and buzzer. Before setting the alarm, make sure to set the clock (see "Setting the clock for the first time").

To set the alarm

1 Press and hold **■ ALARM SET A** or **B**.
"WAKE UP" appears and the hour flashes in the display.
2 Press **TIME SET +** or – repeatedly until the desired hour appears.
To cycle the hour rapidly, press and hold **TIME SET +** or –.
3 Press **■ ALARM SET A** or **B**.
The minute flashes.
4 Repeat step **2** to set the minutes.
5 Press **■ ALARM SET A** or **B**.
The days of the week flash.
6 Repeat step **2** to set the days of the week.
You can select the days from the following three options:
Every day: SUN MON TUE WED THU FRI SAT
Week day: MON TUE WED THU FRI
Week end: SUN SAT
7 Press **■ ALARM SET A** or **B**.
The alarm mode setting is entered.
8 Press **TIME SET +** or – repeatedly until the desired alarm mode flashes.
You can choose one of 5 settings: "iPod", "FM1", "FM2", "AM" or "BUZZER." Set the alarm mode as follows:
– iPod: see "A Setting the iPod alarm."
– FM1, FM2 or AM: see "B Setting the radio alarm."
– BUZZER: see "C Setting the buzzer alarm."

A Setting the iPod alarm

1 Perform steps **1** to **8** in "To set the alarm."
2 Press **■ ALARM SET A** or **B** to select "iPod" alarm mode.
"VOLUME" appears in the display.
3 Press **TIME SET +** or – to adjust the volume.
4 Press **■ ALARM SET A** or **B**.
The setting is entered.
5 If "A" or "B" does not appear in the display, press **■ ALARM SET A** or **B** again.
The iPod will sound at the set time.

When using an iPod alarm

To wake up to music stored in an iPod touch/iPhone, connect the iPod touch/iPhone to the unit first, follow the steps above to set alarm time, and then select the music function.
Even if the iPod alarm setting is complete, if you turn the iPod touch/iPhone power off before the unit, the iPod alarm will not work.

B Setting the radio alarm

1 Perform steps **1** to **8** in "To set the alarm."
2 Press **■ ALARM SET A** or **B** to select radio band ("FM1", "FM2" or "AM").
Preset number flashes in the display.
3 Press **TIME SET +** or – to select the desired preset number corresponding the bands or "– –".
"– –" = the last station received.
4 Press **■ ALARM SET A** or **B.**
"VOLUME" appears in the display.
5 Press **TIME SET +** or – to adjust the volume.
6 Press **■ ALARM SET A** or **B.**
The setting is entered.
7 If "A" or "B" does not appear in the display, press **■ ALARM SET A** or **B** again.
The radio will turn on at the set time.

C Setting the Buzzer Alarm

1 Perform steps **1** to **8** in "To set the alarm."
2 Press **■ ALARM SET A** or **B** to select "BUZZER" alarm mode.
The setting is entered.
3 If "A" or "B" does not appear in the display, press **■ ALARM SET A** or **B** again.
The buzzer will sound at the set time.

Note
The volume cannot be set for the buzzer alarm.

To confirm an alarm time setting

Press **TIME SET +** or –. The setting will be displayed for about 4 seconds.

To change an alarm setting

Press and hold **TIME SET +** for at least 2 seconds to move the alarm time forwards. Press and hold **TIME SET –** for at least 2 seconds to move the alarm time back.
When you release the button, the changed time will flash for about 2 seconds. To change the alarm time again, press **TIME SET +** or – within these 2 seconds, otherwise the setting change will be fixed as displayed.

To doze for a few more minutes

Press **SNOOZE/SLEEP OFF** (**SNOOZE** on the remote).
The sound turns off but will automatically come on again after about 10 minutes.
You can change the snooze time by pressing **SNOOZE/SLEEP OFF** (**SNOOZE** on the remote) repeatedly within 4 seconds.
The maximum length of the snooze time is 60 minutes.
To stop the snooze timer, press **OFF/ALARM RESET** (**OFF** on the remote).

To stop the alarm

Press **OFF/ALARM RESET** (**OFF** on the remote) to turn off the alarm.
The alarm will sound again at the same time the next day.

To deactivate the alarm

Press **■ ALARM ON/OFF A** or **B** to turn off the alarm A or B indicator from the display.

To activate the alarm

Press **■ ALARM ON/OFF A** or **B** to turn on the alarm A or B indicator in the display.

Notes

- With the alarm mode is set to iPod, when the alarm time met, if iPod is not attached to the unit, the alarm sound will be the buzzer.
- The alarm function works as usual on the first and last day of Daylight Saving Time (summer time). As a result, if the Automatic DST/Summer Time adjustment is set and the alarm is set at a time skipped when the Daylight Saving Time begins, the alarm is skipped; if the alarm is set to a time that overlaps when Daylight Saving Time ends, the alarm will sound twice.
- If the same alarm time is set for both alarm A and B, alarm A takes priority.
- If there is no operation while the alarm is occurring, the alarm will stop after about 60 minutes.

Note on the alarm in the event of a power interruption

In the event of a power interruption, the alarm will work until the battery is totally discharged. However, room functions will be affected as follows:
- The backlight will not light up.
- If the alarm mode is set to iPod or radio, it will change to buzzer automatically.
- If a power interruption occurs while the alarm is sounding, the alarm will stop.
- If **OFF/ALARM RESET (OFF** on the remote) is not pressed, the alarm will sound for about 5 minutes.
- If "☀" appears in the display, the alarm will not sound in the event of a power interruption. Replace the battery if "☀" appears.
- The snooze function cannot be set during a power interruption. If the snooze function has already been set and a power interruption occurs, the snooze function will not work.
- During a power interruption, each alarm will sound at the set time only once.

Setting the sleep timer

You can fall asleep to music, etc., using the built-in sleep timer that turns off the unit automatically after a preset duration.

1 Press **SLEEP** while the unit is turned on. "SLEEP" appears and the sleep time flashes in the display.
2 Press **SLEEP** to set the sleep timer duration.
Each time you press **SLEEP**, the duration (in minutes) changes as follows:

90 → 60 → 30 → 15
↑ OFF ←

The display returns to clock mode for about 4 seconds after you have finished the duration setting and released **SLEEP**, and then the sleep timer starts.
The unit will play for the duration you set, and then shut off.

To turn off the unit before the preset time

Press **SNOOZE/DATE/SLEEP OFF** (**SNOOZE** on the remote) or **OFF/ALARM RESET** (**OFF** on the remote).

To change the sleep time setting

You can press **SLEEP** repeatedly to select the desired sleep timer setting even after the sleep timer has been activated.

To deactivate the sleep timer

Press **SLEEP** repeatedly to set the sleep timer to "OFF" in **step 2**.

Other useful functions

To get the MEGA Xpand effect

Press **MEGA Xpand**. "MEGA Xpand" appears in the display. You can get the effect of expension of the sound field. To return to normal sound, press the button again.

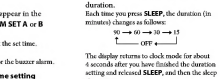
To get the MEGA BASS effect

Press **MEGA BASS**. "MEGA BASS" appears in the display. You can get the effect of bass of high quality sound. To return to normal sound, press the button again.

Connecting external equipment

To listen to sound

1 Connect the **AUOIO IN** jack of the unit to the line out jack or headphone jack of the external equipment using the audio connecting cable (supplied).



2 Press **AUOIO IN** to display "AUDIO IN."
3 Play the equipment connected to the **AUOIO IN** jack.
4 Adjust the volume using **VOLUME +** or **– (VOL +** or **–** on the remote).

To return to the radio

Press **RAOIO BANO**.
First the preset number, then the frequency of the last station is shown in the display.

To return to the iPod

Press **iPod ⏯ iPhone ▶II**.

To stop listening

Press **OFF/ALARM RESET (OFF** on the remote), and stop playback on the connected unit.

Notes

- Refer also to the connected equipment's manual.
- The supplied audio connecting cable may not be used with some external equipment. In this case, use a cord suitable for the external equipment you are using.
- When you listen to the radio with external equipment connected, turn off the connected equipment to prevent noise. If noise occurs, even when the equipment is turned off, disconnect and place the external equipment away from the unit.

Federal Communications Commission Notice

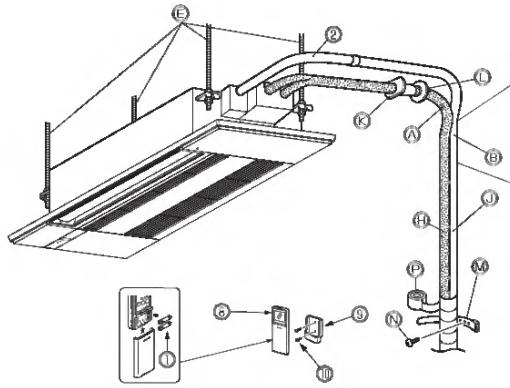
Part 15 of the Federal Communications Commission (FCC) Rules and Regulations has established Radio Frequency (RF) emission limits to provide an interference-free radio frequency spectrum. Many electronic devices, including computers, generate RF energy incidental to their intended function and are, therefore, covered by these rules. These rules place computers and related peripheral devices into two classes, A and B, depending upon their intended installation. Class A devices are those that may reasonably be expected to be installed in a business or commercial environment. Class B devices are those that may reasonably be expected to be installed in a residential environment (personal computers, for example). The FCC requires devices in both classes to bear a label indicating the interference potential of the device as well as additional operating instructions for the user.

The rating label on the device shows which class (A or B) the equipment falls into. Class A devices do not have an FCC logo or FCC ID on the label. Class B devices have an FCC logo or FCC ID on the label. Once the class of the device is determined, refer to the following corresponding statement.

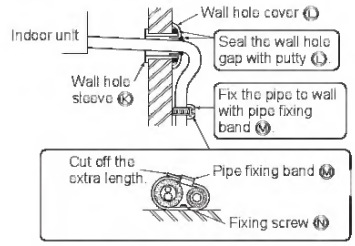
Class A Equipment

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at personal expense.

1-4. INSTALLATION DIAGRAM



Be sure to use wall hole sleeve (K) to prevent indoor/outdoor connecting wire (D) from contacting metal parts in the wall and to prevent damage by rodents in case the wall is hollow.


Wall hole cover (L)
Indoor unit
Seal the wall hole gap with putty (L).
Wall hole sleeve (K)
Fix the pipe to wall with pipe fixing band (M)
Cut off the extra length.
Pipe fixing band (M)
Fixing screw (N)

After the leak test, apply insulating material tightly so that there is no gap.

When the piping is to be attached to a wall containing metals (tin plated) or metal netting, use a chemically treated wooden piece 13/16 in. (20 mm) or thicker between the wall and the piping or wrap 7 to 8 turns of insulation vinyl tape around the piping.
To use existing piping, perform COOL operation for 30 minutes and pump down before removing the old air conditioner. Remake flare according to the dimension for new refrigerant.

Units should be installed by licensed contractor according to local code requirements.

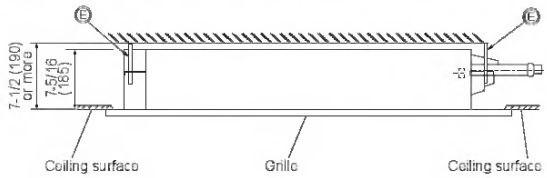
IMPORTANT NOTES

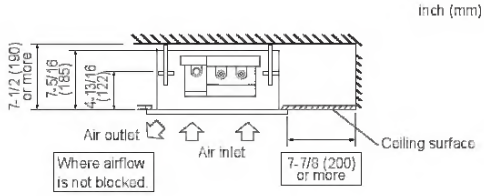
Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

Service space

- **The dimensions of ceiling opening can be regulated within the range shown in following diagram; so center the main unit against the opening of ceiling, ensuring that the respective opposite sides on all sides of the clearance between them becomes identical.**

inch (mm)





ACCESSORIES

Check the following parts before installation.

(I)	Alkaline battery (AAA) for (G)	2
(J)	Drain hose (with insulation)	1
(K)	Special washer (with cushion, 4 pcs)	8
(L)	Installation template	1
(M)	Fixing screw for (L) M5 × 30 mm	4
(N)	Band	1
(O)	Fixing screw for (N) 4 × 16 mm	2
(P)	Remote controller	1
(Q)	Remote controller holder	1
(R)	Fixing screw for (Q) 3.5 × 16 mm (Black)	2

PARTS TO BE PROVIDED AT YOUR SITE

(A)	Refrigerant pipe	1
(B)	Drain pipe (O.D. 1 in. (26 mm))	1
(C)	Installation tools (See 1-3)	1
(D)	Indoor/outdoor unit connecting wire*	1
(E)	Suspension bolt (W3/8)	4
(F)	Nut with flange (W3/8)	8
(G)	Nut (W3/8)	4
(H)	Insulating material for (A) (Heat resistant foamed polyethylene, specific gravity 0.045, thickness more than 9/16 in. (14 mm))	1
(J)	Insulating material for (B) (Foamed polyethylene, specific gravity 0.03, thickness more than 3/8 in. (10 mm))	1

(K)	Wall hole sleeve	1
(L)	Parts for mending wall hole (putty, cover)	1
(M)	Pipe fixing band	2 to 7
(N)	Fixing screw for (M)	2 to 7
(P)	Piping tape	1 to 5
(Q)	Protective tape	1

*** Note:**
Place indoor/outdoor unit connecting wire (D) at least 3 ft. (1 m) away from the TV antenna wire.

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Essentials

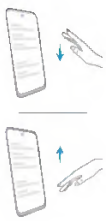
Basic Gestures

Basic Gestures

Air Gestures

You can use gestures to take screenshots and scroll without touching the screen.

Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Air gestures**, and ensure that **Air scroll** and **Grabshot** are enabled.

	**Air scroll** To air scroll, do the following: Scroll down: Hold your hand half an arm's length away from the screen, with the palm of the hand facing the screen, and your fingers pointing upwards. After appears at the top of the screen, move your hand downwards to begin scrolling. Scroll up: Hold your hand half an arm's length away from the screen, with the back of the hand facing the screen, and your fingers pointing downwards. After appears at the top of the screen, move your hand upwards to begin scrolling.
	Take a grabshot Place your hand half an arm's length away from the screen with the palm of the hand facing the screen, and wait for to appear at the top of the screen. Then close your fist to capture a screenshot.

System Navigation Gestures

Go to **Settings** > **System & updates** > **System navigation** and ensure that **Gestures** is selected.

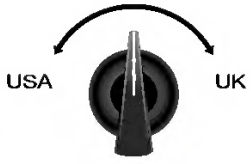
	Back Swipe inward from the left or right edge to return to the previous screen.

7. Treble

The treble control allows exact adjustment of the treble frequencies within the sound. At low settings (counter clockwise) the sound will be warm and dark in character. As the treble control is increased (clockwise) the sound will become brighter. At the maximum settings the sound will be aggressive and cutting. This setting is saved when you store a patch.

8. ISF

The patented ISF control works in conjunction with the Bass, Middle and Treble controls. It allows you to choose the exact tonal signature you prefer. Fully counter clockwise has a more American characteristic with a tight bottom-end and more aggressive middle, and fully clockwise has a British characteristic which is more 'woody' and less aggressive.



ISF

Unlike conventional 'contour' controls and parametric equalisation systems, the Bass, Middle and Treble controls remain interactive with each other just like in a traditional guitar amplifier tone stack. This leads to a very familiar, musical response. This setting is saved when you store a patch.

9. Response

The Response control delivers Blackstar's patented True Valve Power technology, offering six distinctly different power valve responses – EL84, 6V6, EL34, KT66, 6L6 and KT88. Each setting delivers the response, dynamics, sag and break-up characteristics of the selected valve power amp. This means that these amps deliver live without compromise.

Blackstar's TVP technology changes the characteristics of the sound from compressed and spongy to dynamic and tight.

EL84	Bell-like full bodied Class A with lots of compression
6V6	Crisp Class A with high compression and tight mids
EL34	Classic British Class A/B crunch with full bodied soft break-up
KT66	Rich and warm vintage British hot biased Class A/B
6L6	Tight dynamic Class A/B with extended high and lows
KT88	Tight, bold and dynamic Class A/B with strong low end

As you move from EL84 to KT88 the amount of compression and overdrive available from each valve response is reduced. Additionally, when either of the two clean voices are selected, the output compression and overdrive are affected by the gain control.

This setting is saved when you store a patch.

Effects

Up to three studio quality effects can be switched on at any time.

All Silverline Series amplifiers feature Super Wide Stereo affects via the Emulated Output and Stereo USB audio output. This Blackstar enhanced stereo feature can be controlled via the free Blackstar INSIDER soffware.

NOTE: Silverline Stereo Deluxe produces a stereo sound from its two loudspeakers, and so will produce a Super Wide Stereo live sound when this feature is enabled. Silverline Deluxe produces a mono live sounds from its single loudspeaker.

10. MOD (Modulation)

Press this switch to turn the modulation effect on, off, or focus the effect for editing. This seffing is saved when you store a patch.

11. DLY (Delay)

Press this switch to turn the delay effect on, off, or focus the effect for editing. This setting is saved when you store a patch.

12. REV (Reverb)

Press this switch to turn the reverb effect on, off, or focus the effect for editing. This seffing is saved when you store a patch.

With all three of the effect switches the LED will show what state it is in:

LED	Effect State	Description
LED off	Effect off	Effect not active
LED white	Effect on but not 'focused' for editing	Effect is active, but not affected by the front panel effect controls
LED orange	Effect on and 'focused' for editing	Effect active and affected by the front panel effect controls

Repeatedly pressing each effect switch on the front panel has the following effect:

Effect off	Turns the effect on and 'focuses' the effect. Any previously focused effect reverts to an 'on' state
Effect on but not 'focused'	Focuses the effect. Any previously focused effect reverts to an 'on' state
Effect on and 'focused'	Turns the effect off. If any other effect(s) are on, the previously 'focused' effect resumes being 'focused'

NOTE: Only one effect may be 'focused' at any time

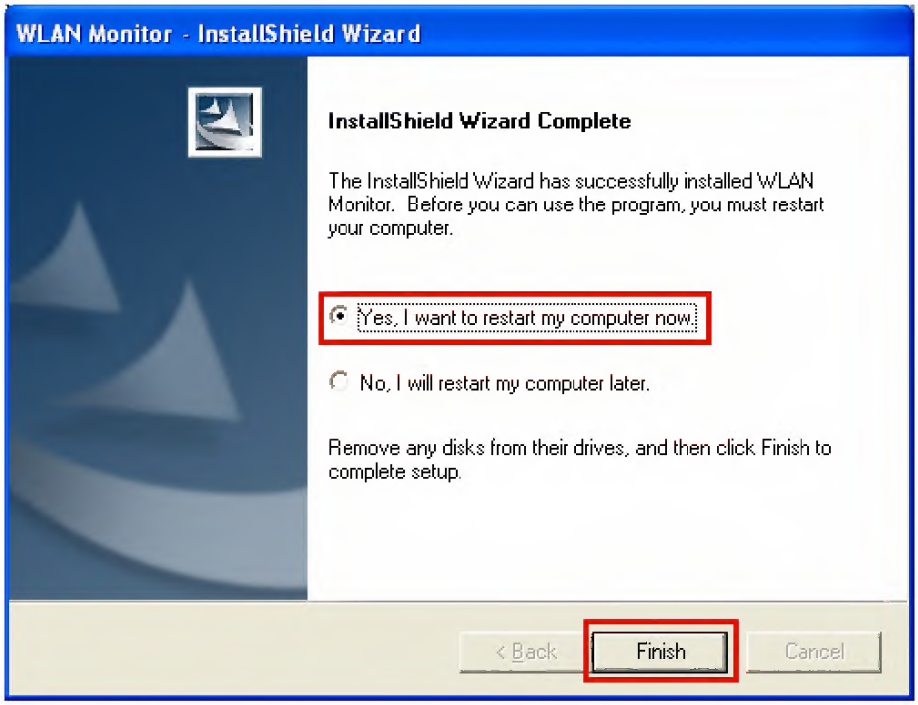
13. Effect Type

This changes the effect type and edits a parameter of the currently 'focused' effect (modulation, delay, or reverb).

Each segment represents a different effect (four for each type of effect). An LED shows which effect type is currently active. The distance travelled through the 'segment' modifies an effect parameter. The Effects Table below shows the modifiable parameters:

This setting is saved when you store a patch.

Step 6 Verify **"Yes, I want to restart my computer now"** is selected and click **Finish** to restart your computer.


WLAN Monitor - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed WLAN Monitor. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Step 7 After restarting the computer, Windows will automatically detect the PCI adapter and install the driver for it.

2.2 Verify Driver Installation

To verify if the driver has been installed successfully, please perform the following steps.

Step 1 Right-click on **My Computer** from your desktop and select **Properties**.

Step 2 Select the **Hardware tab** first then click on **Device Manager**.

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If you purchased this product in the UNITEDSTATES, some states do not allow the limitation or exclusion of liability for incidental consequential damages, so the above limitation may not apply to you.

Contact us:

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Tel: 34-3-499-0303
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Acer Italy/Texas Instruments
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Fax: 39-2-2692-1021

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Tel: 31-73-645 9645
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Tel: 886-2-2696 4288 Fax: 886-2-8691 2372
Customer Service: 886-2-8691 2332
http://www.acernetxus.com.tw

The COOLMATIC indicator is shown.

The COOLMATIC function shuts off automatically after approximately 6 hours.

To switch off the function before its automatic end:

1. Press the Mode button until the COOLMATIC indicator flashes.
2. Press the OK button to confirm.
3. The COOLMATIC indicator goes off.

The function switches off by selecting a different fridge set temperature.

Holiday function

This function allows you to keep the refrigerator closed and empty during a long holiday period without the formation of a bad smell.

The fridge compartment must be empty with holiday function on.

To switch on the function:

1. Press the Mode button until the corresponding icon appears.

   The Holiday indicator flashes.

   The fridge temperature indicator shows the set temperature.
2. Press the OK button to confirm.

   The Holiday indicator is shown.

To switch off the function:

1. Press the Mode button until the Holiday indicator flashes.
2. Press the OK button to confirm.
3. The Holiday indicator goes off.

The function switches off by selecting a different fridge set temperature.

Door open alarm

An acoustic alarm will sound if the door is left open for a few minutes. The door open alarm conditions are indicated by:

- flashing Alarm indicator
- acoustic buzzer

When normal conditions are restored (door closed), the alarm will stop.

During the alarm, the buzzer can be switched off by pressing any button.

FIRST USE

Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

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This symbol on an RJ-45 receptacle indicates a network interface connection.

WARNING: To reduce the risk of electric shock, fire, or damage to the equipment, do not plug telephone or telecommunications connectors into this receptacle.

This symbol indicates the presence of a hot surface or hot component. If this surface is contacted, the potential for injury exists.

WARNING: To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

These symbols, on power supplies or systems, indicate the equipment is supplied by multiple sources of power.

WARNING: To reduce the risk of injury from electric shock, remove all power cords to completely disconnect power from the system.

This symbol indicates that the component exceeds the recommended weight for one individual to handle safely.

Weight in kg
Weight in lb

WARNING: To reduce the risk of personal injury or damage to the equipment, observe local occupational health and safety requirements and guidelines for manual material handling.

Table 14. ADTRAN H2TU-C Specifications

Loop Interface	
Modulation Type	16 TC PAM
Mode	Full duplex, partially overlapped echo canceling
Number of Pairs	One
Line Rate	1.552 mbps
Baud Rate	517.333 k baud
Service Range	Defined by CSA guidelines
Loop Loss	35 dB maximum @ 196 kHz
Bridged Taps	Single Taps < 2 kft., total taps ≤2.5 kft
Performance	Compliant with T1.418-2000 (draft)
H2TU-C Transmit Power (Data) Level	16.6 ±0.5 dBm (0 to 450 kHz)
H2TU-C Transmit Power (Activation) Level	16.3 ±0 5 dBm (0 to 350 kHz)
Input Impedance	135 Ω
Maximum Loop Resistance	900 Ω per span
Return Loss	12 dB (50 to 200 kHz)
Power	
Power Consumption	+5 V: 1.7 watts typical; 48 V (includes H2TU-C and H2TU-R)
Span Power	–190 VDC internally generated from the –48 VDC switch battery
Fusing	–48 VDC (switch battery) is current-limited by a 500 mA Slo-Blo® subminiature surface-mount fuse. +5 VDC is current-limited by a 3 A quick-acting subminiature surface-mount fuse
Clock	
Clock Sources	Internal, DSX-1 derived
Internal Clock Accuracy	± 25 ppm, (exceeds Stratum 4). Meets T1.101 timing requirements
Tests	
Diagnostics	Local loopback (H2TU-C), remote loopback (H2TU-R)
Physical	
Mounting	Litespan 2000 CBA, Litespan 2012 CBA, or an ONU CBA
Dimensions	4.42 in. high x 0.84 in. wide x 10 4 in. deep (11.22 cm x 2.13 cm x 26.4 cm)
Weight	Less than one pound
Environment	
Temperature	Operating (standard) –40°C to +70°C Storage: –40°C to 85°C
Humidity	Up to 95% noncondensing
Compliance	
Bellcore GR-1089-CORE (Class 2), ANSI T1.418-2002 NRTL listed to the applicable UL standards	
Part Number	
1221002L2	Asynchronous H2TU-C Line Card Unit (AHDSL2), Narrowband

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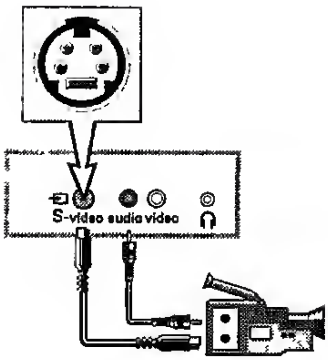


S-Video front connection

The S-Video socket is only present on certain TV models.

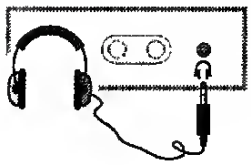
You can connect S-VHS ot Hi-8 audio-video equipment to the S-Video socket on the front of your TV. Ask your dealer for an appropriate cable.

- Connect your equipment to the S-Video socket of yout TV.
- Press the MENU button on the remote control sevetal times untill **EXTERNAL** appeats.
- Press + to select **S-Video.**
- Press MENU sevetal times to leave the on scteen menu .

- Ptess START or PLAY on your equipment.
- Select program number 0.
- ▹ The pictute from your equipment appear on the scteen.

NOTE: If you do not see the picture from the connected equipment, use the EXTERNAL item. in the MENU to ensure that program 0= S-Video is selected.

Do not use the S-Video socket and the Euroconnector or Audio/Video socket at the same time.



Headphones

- Connect the headphones plug to the headphones socket on front of the TV.
- ▹ The internal loudspeakers of your TV are automatically switched off.

Tips

To clean the TV

Clean the TV using a slightly damp chamois leather.
Never use aggressive cleaning agents.

Poor or no picture:

Are the plugs tightly connected to the aerial socket and are the connection facilities to any other installed TV in good condition? Do you use good quality aerial connectors and cables?

Double or black and white picture on the screen using peripheral connections:

NOTE: If you do not see the picture from the connected equipment, use the EXTERNAL item in the MENU to ensure that the program 0 selection is correct. Select **S-Video** (fot S-VHS or Hi-8 audio-video connector) or **AV** (fot eutoconnectot ot ftont Audio/Video connections).

No soiution:

Switch your TV off and on again with the ⏻ button.
Never attempt to repair a defective TV set yourself.
Switch off the TV and call your dealer or TV-technician when nothing helps ot when:

- A white hotizontal sttipe appears across the whole scteen.
- The red lamp below the scteen starts blinking when no buttons ate pressed on the remote control.

Environmental information

Your TV contains material which can be recycled and reused. At end of life specialized companies can dismantle the discarded TV to concentrate the teusable matetials and to minimize the ammount of matetials to be disposed off.
Please find out about local regulations on disposal of your old TV set.

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mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements.

For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed, and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless tele-devices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmospheres are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders. Follow any restrictions. Do not use the device where blasting is in progress.

Taking care of your smartphone

1. **DO** take care not to scratch the screen of your smartphone. Keep the screen clean. When working with your smartphone, use your finger or fingernail. Never use an actual pen or pencil or other sharp object on the screen surface.
2. **DO NOT** expose your smartphone to rain or moisture. Do not let water enter the circuitry through the front panel buttons or expansion slots. In general, treat your smartphone as you would a mobile phone or other small electronic device.
3. **DO** be careful not to drop your smartphone or subject it to any strong impact. Do not place your smartphone in your back pocket.
4. **DO NOT** expose your smartphone to extreme temperatures. For example, do not leave your smartphone on the dashboard of a car on a hot day or when temperatures are below freezing point. Also, keep it away from heaters and other sources of heat.
5. **DO NOT** use or store your smartphone in any location that is dusty, damp or wet.
6. **DO** use a soft, damp cloth to clean your smartphone. If the surface of the screen becomes soiled, clean it with a soft cloth moistened with diluted

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QUARTZ ANALOG CHRONOGRAPHS 1/1 OF A SECOND – TYPE E

with small chronograph minutes/seconds counters and 24-hour hand, and date

Includes Formula Italia S (SF 204.1) and RedRev Evo (SF 162.1, 162.2) quartz chronograph models

Figure A

Legend

1, 2, 3 – Crown positions

Button **A** – Start/Stop
Button **B** – Reset

H – Hour Hand
M – Minute Hand
S – Normal Seconds Hand
C – Chronograph Seconds Counter
E – Chronograph Minutes Counter
F – 24-Hour Hand
D – Date Display

These chronograph models feature a minute counter (up to 30), seconds counter, small 24-hour hand, and date display. They can be used to time an event up to 29 minutes and 59 seconds in duration to the nearest second.

Battery end-of-life indicator:
When the battery is almost exhausted, Seconds hand **S** will start to move haltingly in two-second intervals, signaling the need to have the battery replaced as soon as possible. When this happens, the watch will still keep accurate time, however the stopwatch will not operate. If battery end-of-life indication begins while a chronograph measurement is being taken, the timing will stop, and the chronograph hands will reset at their zero position.

To set the TIME and DATE:
NOTE: Before setting the time, make sure chronograph measurement is stopped and both chronograph hands have been returned to zero position at 12 o'clock.

1. Pull crown out to position 2.
2. Turn crown counterclockwise until previous day's date appears in Display **D**

NOTE: Do not set date when the time is between 9:00 PM and 1:00 AM, otherwise the date may not change automatically on the following day.

3. The instant Seconds hand **S** reaches the 12 o'clock position, pull crown out to position 3; watch stops.

NOTES: If the crown is pulled out to position 3 while the chronograph is running, the stopwatch function will stop automatically, and the hands will reset to zero. When crown is in position 3, it may be turned clockwise or counterclockwise to move Hour **H** and Minute M hands in either direction.

4. Turn crown clockwise advancing Hour **H** and Minute M hands past 12:00 midnight to advance Date **D** to current date; then continue turning crown clockwise to set Hour **H**, Minute M and 24-Hour **F** hands to desired time, taking AM/PM time into account.

NOTES: 24-hour hand **F** will move in sync with Hour hand **H**, so when setting the hour, make sure 24-hour time is set properly.
RECOMMENDATION: When setting Minute hand M, first advance it 4 to 5 minutes ahead of desired time, then turn it back to the exact minute.

5. Take an accurate time signal (from a radio news station, for example). When the audible tone signals the exact time, push crown back in to position 1; watch will restart, now set to the exact time.

To RESET Chronograph Hands:
Before setting the time or running the stopwatch, make sure chronograph counter hands **C** and **E** are in the zero position at 12 o'clock. Follow these steps as needed to reset the counter hands following a battery change or in the event of an error.

1. Pull crown out to position 3.

NOTE: If the chronograph is running or has been stopped while running, when the crown is pulled out to position 3, the stopwatch hands will be automatically reset.

2. Press Button **A** to move stopwatch hands **C** and **E** clockwise.
3. Press Button **B** to move stopwatch hands **C** and **E** counterclockwise.

NOTES: To move the hands quickly in desired direction, press and hold Button **A** or Button **B**. Minute hand **E** is synchronized automatically with Seconds hand **C**. To reset hand **E**, continue to move hand **C** until hand **E** reaches the zero position.

4. Once Chronograph hands **C** and **E** have been reset to zero position, push crown back into position 1.

Operating the CHRONOGRAPH
This stopwatch is able to measure and display time in 1 second increments up to a maximum of 29 minutes/59 seconds. It will stop automatically after running continuously for 30 minutes. Measured time is indicated by Chronograph Minute **E** and Seconds **C** hands which move independently of the center-mounted and 24-hour watch hands.

Simple chronograph functions:

1. Press button **A** to start chronograph.
2. Press button **A** a second time to stop chronograph.
3. Press button **B** to reset chronograph to zero.

Accumulated time functions:
To measure the combined time of a series of shorter events, for example the actual playing time of a basketball game, where play is repeatedly interrupted.

1. Press button **A** to start chronograph.
2. Press button **A** a second time to stop chronograph and read elapsed time.

SCUDERIA FERRARI

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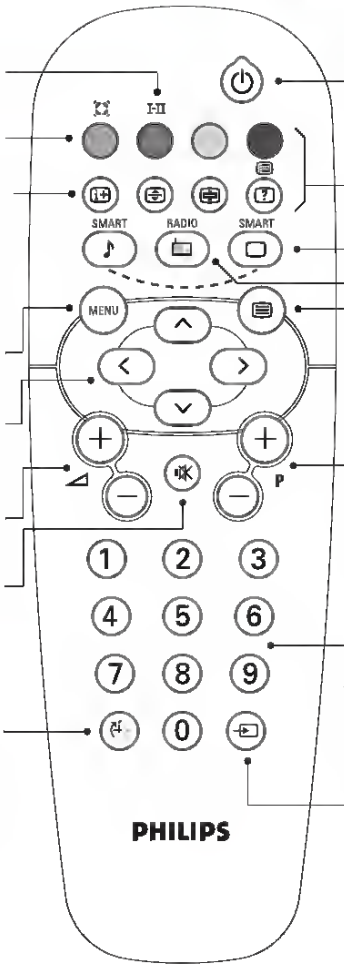
Les touches de la télécommande



Unused key

Unused key

Info. d'écran / n° permanent
Pour afficher / effacer le numéro de programme, le nom (s'il existe) et le mode son. Appuyez pendant 5 secondes pour activer l'affichage permanent du numéro.

Menu
Pour appeler ou quitter les menus et format.

Curseur
Ces 4 touches permettent de naviguer dans les menus.

Volume
Pour ajuster le niveau

Coupure son
Pour supprimer ou rétablir le

Minuterie
(uniquement disponible sur certaines versions)
Pour sélectionner une durée de mise en veille automatique (de 0 à 240 minutes).

Veille
Permet de mettre en veille le téléviseur. Pour l'allumer, appuyez sur P ⊖ ⊕, ⏻, 0 à 9.

Touches télétexte

Préréglages image et son
Permet d'accéder à une série de préréglages de l'image et du son.
La position **Personnel** *correspond aux réglages effectués dans les menus*

Unused key

Appel télétexte

Sélection des programmes
Pour accéder au programme inférieur ou supérieur. Le numéro, (le nom) et le mode son s'affichent quelques instants
Pour certains programmes le titre de l'émission apparaît en bas de l'écran

Touches numériques
Accès direct aux programmes. Pour un programme à 2 chiffres, il faut ajouter le 2ème chiffre avant que le trait ne disparaisse.

Sélection des prises EXT

Directive pour le recyclage

L'emballage de cet appareil peut être recyclé. Conformez-vous aux règles en vigueur dans votre localité pour une élimination appropriée.

Elimination de votre ancien produit.

Votre téléviseur est conçu et fabriqué avec des matériaux et composants de haute qualité qui peuvent être recyclés et réutilisés.

La directive européenne 2002/96/EC s'applique à tous les appareils marqués de ce logo (poubelle barrée). Renseignez-vous sur les systèmes de collecte mis à votre disposition pour les appreils électriques et électroniques.

Conformez-vous aux règles en vigueur dans votre localité et ne jetez pas vos anciens appareils avec les déchêts ménagers. L'élimination appropriée de votre ancien appareil aidera à prévenir les effets négatifs sur l'environnement et la santé humaine.

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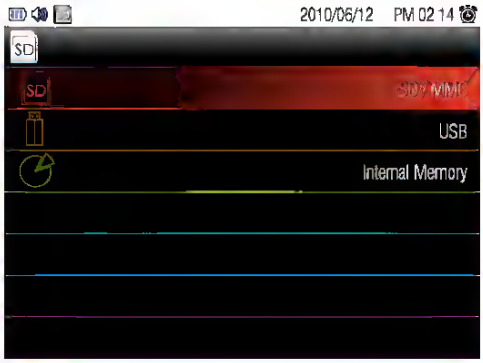
EN

Storage mode

On the Main Menu, select the STORAGE item and press **OK** (OK/▶II) to select the storage media: SD/SDHC/MMC card, USB device, or Internal memory.



Setting	Description
SD/MMC	Select the inserted SD/SDHC/MMC card as the storage media for playback.
USB	Select the connected USB device as the storage media for playback.
Internal Memory	Select the internal memory as the storage media for playback.

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Menu option	Result of selecting the option
Create New Array	Three panels apen: • Create Array (displays a menu with the fallawing aptians: Assign Drive, Assign Spare, Remave Drive, and Accept Changes) • Physical Drives (lists the spare drives and unassigned physical drives that are cannected ta the cantraller) • New Array (shaws the updated physical canfiguratian view)

- Arroy Options menu (oppeors in the secondory ponel when on orroy is highlighted in the Logicol Configurotion View ponel)

Menu option	Result of selecting the option
Expand Array	Three panels apen: • Expand Arroy (displays a menu with the fallawing aptians: Assign Drive, Remave Spare, and Accept Changes) • Physical Drives (lists the spare drives and unassigned physical drives that are cannected ta the cantraller) • Expand Existing Arroy (shaws the updated physical canfiguratian view)
Assign Spare	A new panel apens, displaying a menu af the valid drives.
Remave Spare	A new panel apens, displaying the spares.
Delete Entire Array	The data and all the lagical drive structures an the array are deleted.

- Logicol Drive Options menu (oppeors in the secondory ponel when o logicol drive is highlighted in the Logicol Configurotion View ponel)

Menu option	Result of selecting the option
Delete	The data and the lagical drive structure an the array are deleted.
Drive Settings	A new panel apens, displaying settings far twa aptians: Fault Talerance and Stripe Size.
SSP Settings*	A new panel apens, displaying the Enable ar Disable aptian.

*This menu aptian is available anly with the MSA1000 and MSA1500.

Typical manual configuration procedures

This section describes the procedures for the following common tosks:

- Creoting o new orroy ond logicol drive (on poge 18)
- Adding spore drives (on poge 18)
- Setting the rebuild priority or expond priority (on poge 19)
- Setting the occelerotor rotio (on poge 19)
- Exponding on orroy (on poge 20)
- Migroting RAID level or stripe size (on poge 20)

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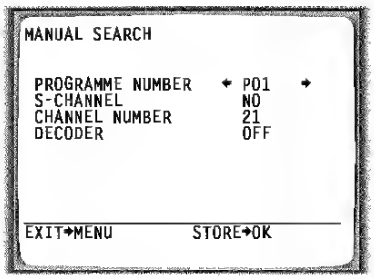
Decoder allocation

Some TV channels transmit encoded TV signals which can only be viewed with a commercially purchased or hired decoder without disturbances. You can connect such a decoder (descrambler) to this video recorder. The following function will automatically activate the connected decoder for the desired TV channel.

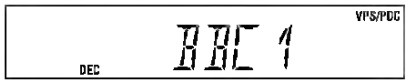
1. Switch the TV on. If applicable, select the programme number for the video recorder operation.
2. Use the buttons **P↑+**, **P↓−** on the video recorder or the number buttons **0-9** on the remote control to select the TV channel which you would like to allocate the decoder to.
3. Press the button **MENU** on the remote control. The main menu will appear.
4. Use the buttons **P↑+** or **P↓−** to select the line 'MANUAL SEARCH' and confirm with **OK**.



5. Use the buttons **P↓−** or **P↑+** to select the line 'DECODER'.
6. Use the buttons **◁−** or **◁+** to select 'ON' (Decoder switched on)

How can I switch off the decoder?
Use the button **◁+** on the screen to select 'OFF' (Decoder switched off)

7. Confirm with **OK**.
8. End with the button **MENU**.



The decoder has now been allocated to this TV channel.
If this TV channel is chosen, the symbol 'DEC' will appear in the video recorder display.

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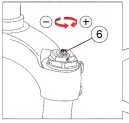
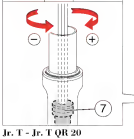
FIG. C

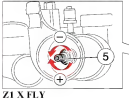
REBOUND ADJUSTMENT - REGOLAZIONE ESTENSIONE
REGLAGE DE L'EXTENSION - REGULIERUNG DER ZUGSTUFE

Mr. T QR 20 - MONSTER T - Z1 QR20 -
Z1 CR - Z2 ATOM 80

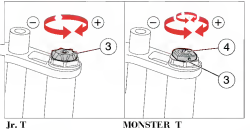




Jr. T - Jr. T QR 20
Z1 DROP OFF
Z3 QR 20 - Z3 BAM 80 - Z3 FLYLIGHT 100



Z1 X FLY
Z2 X FLY
Z2 X FLY QR 20



Jr. T
Jr. T QR 20

MONSTER T
Mr. T

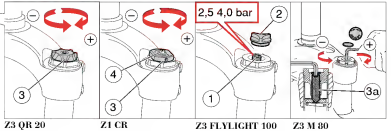
FIG. B

COMPRESSION AND PRELOAD ADJUSTMENT

REGOLAZIONE COMPRESSIONE E PRECARICO

REGLAGE COMPRESSION ET PRECHARGE

EINSTELLUNG DER DRUCKSTUFE UND DER FEDERVORSPANNUNG

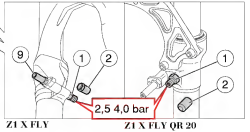


Z3 QR 20
Z1 DROP OFF
Z3 BAM 80

Z1 CR
Z1 QR 20
Z2 Atom 80 (*)
(*) Regolare (4) solo su richiesta

Z3 FLYLIGHT 100
Z4 FLYLIGHT AIR
Z5 FLYLIGHT AIR
Z5 FLYLIGHT QR 20

Z3 M 80
Z3.5



Z1 X FLY
Z2 X FLY

Z1 X FLY QR 20
Z2 X FLY QR 20

Entering CMOS setup

1. Turn on the server and the monitor.

   If the server is already turned on, close all open applications, then restart the server.

2. During POST, press **Delete**.

   If you fail to press **Delete** before POST is completed, you will need to restart the server.

   The Setup Main menu will be displayed showing the Setup's menu bar. Use the left and right arrow keys to move between selections on the menu bar.

Navigating Through the Setup Utility

Use the following keys to move around the Setup utility.

- **Left** and **Right** arrow keys – Move between selections on the menu bar.
- **Up** and **Down** arrow keys – Move the cursor to the field you want.
- **PgUp** and **PgDn keys** – Move the cursor to the previous and next page of a multiple page menu.
- **Home** – Move the cursor to the first page of a multiple page menu.
- **End** – Move the cursor to the last page of a multiple page menu.
- **+** and **-** keys – Select a value for the currently selected field (only if it is user-configurable). Press these keys repeatedly to display each possible entry, or the **Enter** key to choose from a pop-up menu.

NOTE: Grayed-out fields are not user-configurable.

- **Enter** key – Display a submenu screen.

NOTE: Availability of submenu screen is indicated by a (>).

- **Esc** – If you press this key:
  - On one of the primary menu screens, the Exit menu displays.
  - On a submenu screen, the previous screen displays.
  - When you are making selections from a pop-up menu, closes the pop-up without making a selection.
- **F1** – Display the General Help panel.
- **F6** – Press to load optimized default system values.
- **F7** – Press to load fail-safe default system values.
- **F10** – Save changes made the Setup and close the utility.

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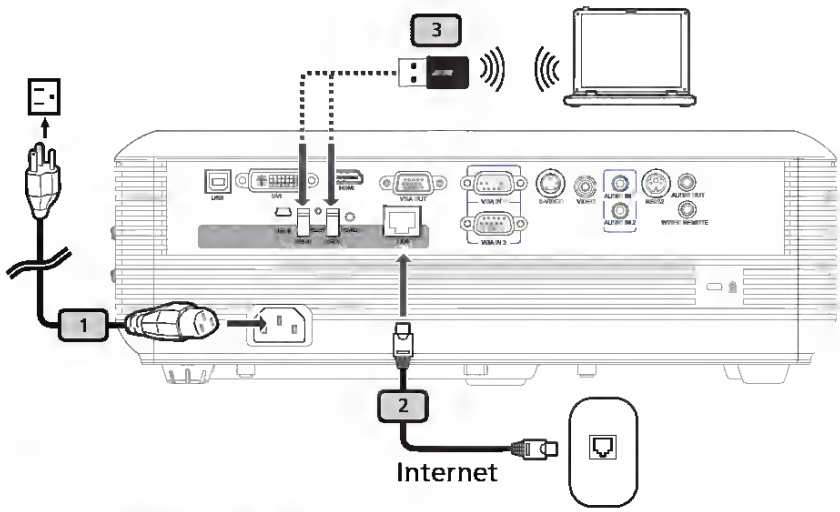
Connecting the Projector for Wireless Function



#	Description
1	Power cord
2	LAN cable
3	USB WiFi adapter

Note: For P5271i only

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4. After creating the content of your document, select **File** > **Download as** and select the type of format you want to save as.
5. The file is saved to the *download* section of the *Files* app.

Opening Microsoft Office files using Microsoft's Office Online apps from the Chrome Web Store or Google Play Store

Another option for working with Microsoft Office files is to use Microsoft's own free web-based Office Online tools. You can download the Word Online, Excel Online, and PowerPoint Online apps from the Chrome Web Store or Google Play Store (you'll need to create a Microsoft account if you don't already have one). Then, you can login and create files or upload files you have already created and edit them.

Note

Office Online programs save files you create exclusively to Microsoft's own OneDrive cloud storage. Though you can download a file you create and then move it to Google Drive or a removable storage device, you cannot save it directly to those locations. Also, to work on a file you've already created, you must first upload it to OneDrive by selecting ***Open from OneDrive*** *from within whichever Office Online product you are using (you can install the OneDrive app from the Chrome Web Store as well).*

How to use your Chromebox when there's no internet

The Chrome Web Store contains useful offline apps (**see Installing apps from the Chrome Web Store on page 12**). You're able to filter your app search by selecting the **Runs Offline** checkbox. For those times you don't have an internet connection, these apps help you stay productive and entertained. A few of the pre-installed options are described below.

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1. Beskrivning

S

1 Elektronisk temperaturreglering steglöst från 50°C - 450°C. Vid kodbart utförande medelst
temperatur-kodstickpropp för fast inställd lödtemperatur
2 Lodkolv LR-21 antistatisk (24V/50W)
3 Värmeelement med högeffekt. Isolation 500V
4 Utval av 22 WELLER "Longlife" lödspetsar
5 Temperaturbeständig silikonledning
6 Optisk regelbar kontroll
7 Jackhylsa för potentionalanpassning
8 Potentiometerarretering
9 Nätströmbrytare
10 Nätsäkring T (trög) 0,315A (5 x 20)
11 5-polig jackhylsa arreterbar
12 Säkerhetshållare är läget till vänster och höger om verktyget arreterbart, även läget
på valbar plats
13 Rengöringssvamp
14 Fack för reservdelslödspetsar

Lödstationen WECP- 20 ägnar sig utmärkt för lödarbeten för elektroniska detaljer som är mycket omtåliga elektriskt och termiskt. I den 6-poliga jackhylsan kan flera lödverktyg anslutas. Möjligt anslutbara verktyg finnes i tillbehörslistan. Alla anslutbara verktyg är skilda galvaniskt från nätet och arbetar med skyddslågspänning 24 VAC.
Temperaturinställningen sker på analog basis: den önskade temperaturen kan inställas steglöst mellan 150°C och 450°C. En grön lysdiod tjänar som optisk regleringskontroll för den inställda temperaturen.

Natsäkringen kan vid behov utbytas på enkelt sätt. Säkringen löses med att lätt tryck och urskruvas moturs. Önskad potentialanpassning för lödspetsen sker genom att använda jackhylsan på verktygets framsida. Genom det antistatiska utförandet av styrdon och lödkolv uppfyller lödstationen WECP-20 antistic alla EGB-säkerhetsfordringar.
Lödstationen WECP-20 finnes även i kodérat utförande och kan anslutas till en CDD-utrustning.

Lödkolven LR 21 * är försedd med silikonkabel och "WELLER-Longlife"-lödspets typ ET-B som standard. Livslängden för "WELLER-Longlife" lödspetsar blir genom den galvaniska behandlingen av kopparkärnan betydligt högre. 22 stycken lödspetsvarianter står totalt till förfogande. Välj därför ut den rätta lödspetsen ur sortimentet.

* Brukanvisningar för andra anslutbara WELLER-verktyg gäller tillsammans med denna brukanvisning.

Tekniska data

Dimensioner (bredd x längd x höjd)	115 x 150 x 94
Nätspänning	230V (240V 120V) 50 (60) Hz
Spänning vid uppvärmning	24V 50 (60)Hz
Lodkolvseffekt:	max. 50W vid 24V
Nätsäkring	T (trög)0, 315A
Reglernoggrannhet:	+/- 2 Inställningstolerans av slutvärdet
vikt:	2,1 kg

Figur Lödspetsprogramm se sida 46+47

2. Igångsättning

Fastsätt hållfjädern med tratt på lödkolvhållarens fotplatta (se explosions-ritning), vät rengöringssvampen med vatten (13). Lägg lödkolven på säkerhetshållaren (12). Sätt in lödkolvsstickproppen (11) i den 6-poliga jackhylsan på styrdonet samt arretera. Förbind styrdonet till nätet samt kontrollera om spänningen är riktig. Koppla in apparaten med nätströmbrytaren (9) och ställ in önskad temperatur med vridpotiometern (1). Vid CDD-utförande använd motsvarande koderingsstickpropp för temperaturinställning. Den gröna lysdioden börjar att lysa. Denna ljuspunkt tjänar som reglerkontroll.

"Dauerndes Leuchten" (ständigt lysande) betyder "Isttemperatur" (nominell temperatur) systemet uppvärmes.
"Blinken" (blinkning) betyder: den nominella temperaturen överensstämmer med den reala temperaturen. Systemet behinner sig i regelområdet.
"Punkt leuchtet nicht" (punkt lyser ej) befyder: nominell temperatur ligger högre än den raala temperaturen (översvankningar).

Vät den selektivt med tenn torsebara lödspets med lod under den torsta uppvärmningen. Detta avlägsnar avlagrat oxydskikt och oranheter på lödspetsen.

WECP20.pm65 22 11.03.2002, 11:19 Uhr

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Autodefrost

- The Autodefrost by weight feature is an accurate defrosting method for frozen meat, poultry of fish.

Example: To defrost 400g of minced meat:

1. Touch Autodefrost pad	Auto Defrost	"dEF3" will be indicated in the display
2. Turn the Rotary knob to the right until 0.4 is indicated in the display		"0.4" will be indicated in the display
3. Touch Start pad	Start	Defrost time will count down.

Defrosting Tips

1. It is better to underestimate defrosting time if you are unsure. Food will continue to defrost during the standing time.
2. Separate food as soon as possible.
3. Turn large items, e.g. joints, halfway through the defrosting time.
4. Remove any thawed food as soon as possible.
5. Remove or open any packaging before defrosting.
6. Place food in a larger container than that which it was frozen in, this will allow for easy stirring.
7. Begin thawing poultry, breast side down and turn over halfway through defrosting time. Delicate areas such as wing tips can be shielded with small pieces of smooth foil.
8. Standing time is very important, particularly for large, dense foods which cannot be stirred to ensure that the centre is completely defrosted before cooking.

Programme	Min. weight	Max. weight
Fish, def 1	0,1 kg	2,0 kg
Poultry, def 2	0,1 kg	3,0 kg
Meat, def 3	0,1 kg	2,0 kg

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Setting the Time and Date

You should make sure that your system has the correct time and date. This is important for the auto-arm feature to function correctly, and for accurate reporting of events.

1. Press (*)(6) [Master Code] (1).
2. The keypad will now accept 10 consecutive digits:
   - Enter the time in hours and minutes using the 24-hour format (00:00 to 23:59).
   - Enter the date in months, days and years (MM DD YY).
4. To exit programming, press (#).

***NOTE:** If you have an LCD keypad, your installer may have programmed your system to display the time and date while the keypad is idle. If this is the case, you can press the (#) key to clear the date and time display.*

Changing the LCD5500Z Display Language

You can change the language displayed on the LCD5500Z keypad.

1. Press and hold both of the (<)(>) keys together.
2. The keypad will enter Language Selection mode. Scroll to the language you want the keypad to display.
3. To select a language and restart the keypad, press (#).

Changing LCD5500Z Display Brightness/ Contrast

You can change the brightness and contrast of the LCD display on LCD5500Z keypads.

1. Press (*)(6) [Master code].
2. Use the (<)(>) keys to scroll to either Brightness Control or Contrast Control.
3. Press (*) to select the setting you want to adjust.
4. A) 'Brightness Control': There are10 different backlighting levels. Use the (<)(>) keys to scroll to the desired level.

   B) 'Contrast Control': There are 10 different display contrast levels. Use the (<)(>) keys to scroll to the desired contrast level.
5. To exit, press (#).

Changing Keypad Sounder Loudness

You can select from 21 different keypad sounder tones for LCD and PC55XXZ keypads

From an LCD5500Z keypad:

1. Press (*)(6) [Master Code].
2. Use the (<)(>) keys to scroll to the message 'Select Option <> Buzzer Control'.
3. Press (*) to select.
4. Use the (<)(>) keys to scroll to the desired keypad sound level.
5. To exit, press (#).

From a PC55XXZ or LCD5501Z keypad:

Press and hold the (*) key until the desired keypad sounder level is reached.

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Baking at several shelf positions

Type of Cake or Pastry	Fan Cooking			Time Hr.: Min.
	Shelf Position from the Top		Temperature °C	
	2 Levels	3 Levels		
Cakes and Pastries on Baking Sheets				
Cream Puffs/Eclairs	2. and 5.	-	170-180	0:35-0:60
Dry Streusel Cake	2. and 5.	-	140-160	0:30-0:60
Pizza & baking	2. and 5.	-	170-190	0:40-0:70
Biscuits				
Shortcrust Biscuits	2. and 5.	1. 3. and 5.	150-160	0:15-0:35
Small Piped Biscuits	2. and 5.	1. 3. and 5.	140-150	0:20-0:60
Sponge Fingers	2. and 5.	1. 3. and 5.	160-170	0:25-0:40
Meringues	2. and 5.	-	80-100	2:10-2:50
Macaroons	2. and 5.	1. 3. and 5.	100-120	0:40-1:20
Small Pastries with Yeast	2. and 5.	-	160-170	0:30-0:60
Small Pastries made from Puff Pastry	2. and 5.	-	170-180[1]	0:30-0:50
Bread Rolls	2. and 5.	-	180-190[1]	0:30-0:55

Tips on Baking

	Tip
This is how to tell if your cake is cooked through	Push a wooden skewer into the highest point of the cake. When no more cake mixture sticks to the wood, you can switch off the oven and utilise the residual heat.
The cake collapses (is sticky, not properly cooked through, water marks)	Check your recipe. Next time use less liquid. Observe mixing times, particularly when using kitchen appliances.
The cake is too light	Next time select a dark cake tin or place the cake one level lower.
Cake with moist topping/ cake is not cooked through, is unevenly browned	Next time bake at a lower temperature and increase the cooking time.

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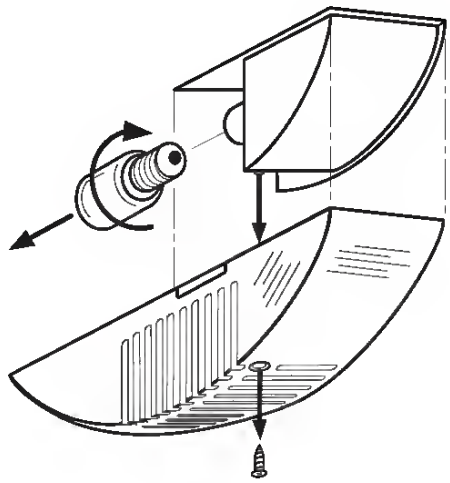
☞ 1. To switch the appliance off press and hold the ON/OFF button.
2. Unplug the mains plug.
3. To change the light bulb, undo the cross head screw and remove the light bulb cover downwards.
4. Change the defective light bulb.
5. Refit the light bulb cover and the cross head screw.



What to do if ...

Before contacting your local Service Force Centre, check the following points.

Symptom	Solution
No power to the appliance.	Check there is power at the socket
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
Appliance cools too much.	Temperature is set too cold. Set the temperature to a warmer setting temporarily.
The temperature in the refrigerator is too high.	Check the ambient temperature is within the appliances operating limits
	Check the temperature regulator is turned to the correct setting relative to ambient conditions.
Warning tone sounds, red warning display is flashing	Door is opened for longer than 5 minutes Switch off the warning tone by pressing the ALARM OFF button. Do not leave the door open for longer than necessary.

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5.3 IEEE 802.11b WEP Security

The IEEE 802.11b standard includes a Shared Key data privacy mechanism, called Wired Equivalent Privacy

Features of WEP are:

- Data encryption using a 64 bit shared key
- No key distribution mechanism. The shared key (password) must be distributed manually to all personnel and either be remembered or stored somewhere on the hard disk.
- Simple authentication of clients based on a challenge / response mechanism, using the shared key and the hardware address.

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Management (Computer / Video Mode)

Acer eOpening Management is a PC utility for user to change the default start-up screen of Acer projector to their desired image. You can install *Acer eOpening Management* from the bundled CD. Connect the projector to your PC with the bundled USB cable then execute *Acer eOpening Management* utility to download your desired image from your PC to projector.

Before the download starts, the projector must enter "Download Mode" first. Please follow the instruction below to enter "Download Mode".

1. If the AC power cord of the projector was unplugged, plug the AC power.
2. Powering On the Projector
3. Please make sure the USB cable has been plugged and connected to your projector.

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Using Windows 10 Mobile Printing

You can wirelessly print from Windows 10 Mobile tablets and phones to your nearby networked Epson product. There is no software to download, no drivers to install, and no cables to connect. Look for the print option in your Windows 10 application to send whatever is on the screen to an Epson product.

1. Connect your Epson product to your wireless network. See the link below.
2. Connect your Windows 10 Mobile device to the same wireless network as your product.
3. Now you are ready to print. From your Windows 10 application, tap the print option and select your product to print whatever is on the screen.

Visit epson.com/connect (U.S), epson.ca/connect (Canada), or epson.com.jm/connect (Caribbean) to learn more about Windows 10 Mobile Printing (one of many Epson Connect Partner Solutions) and check the compatibility of your mobile device.

Parent topic: Product Basics

Related topics

Wi-Fi Networking

Android Printing Using the Epson Print Enabler

You can wirelessly print your documents, emails, photos, and web pages right from your Android phone or tablet (Android v4.4 or later). With a few taps, your Android device will discover your nearby Epson product and print.

1. Connect your Epson product to your wireless network. See the link below.
2. On your Android device, download the Epson Print Enabler plug-in from Google Play.
3. Go to **Settings** on your Android device, select **Printing**, and enable the Epson plug-in.
4. Connect your Android device to the same wireless network as your product.
5. Now you are ready to print. From an Android application such as Chrome or Gmail, tap the menu icon and print whatever is on the screen.

   Note: If you do not see your product, tap **All Printers** and select your product.

Parent topic: Product Basics

Related topics

Wi-Fi Networking

LCD Module Disassembly Process

Item	Screw	Color
C	M2 5 X L3 5	Silver
G	M2 x L2.5	Silver
J	M2 x L3	Black

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3

Web-Based User Interface

This chapter provides information for navigating the Integrated Administrator Web-based user interface.

NOTE: Values appearing in the screens of this chapter are for illustrative purposes only.

4.2.6 Power Management Setup

By choosing the Power Management Setup option from the Initial Setup Screen menu, the screen below is displayed. This sample screen contains the manufacturer's default values for the PCM-9587 Series.

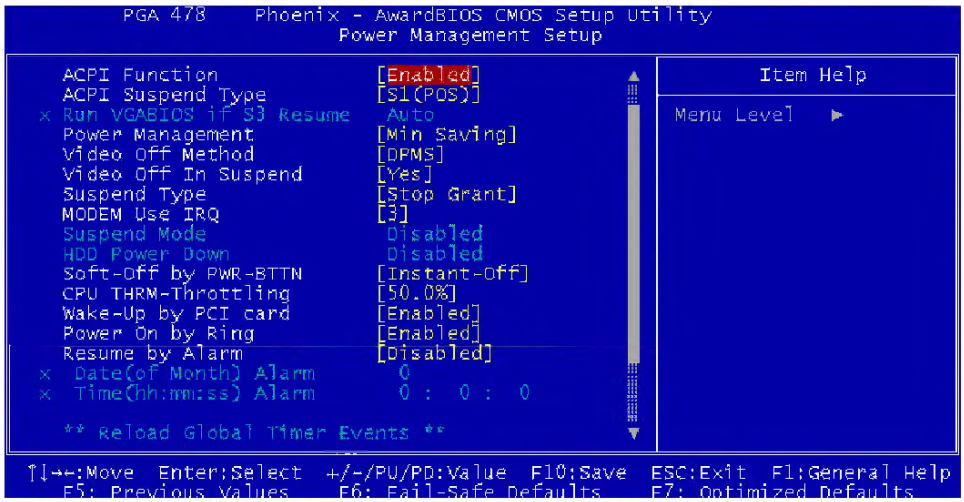
PGA 478 Phoenix - AwardBIOS CMOS Setup Utility
Power Management Setup
ACPI Function [Enabled]
ACPI Suspend Type [S1(POS)]
x Run VGABIOS if S3 Resume Auto
Power Management [Min Saving]
Video Off Method [DPMS]
Video Off In Suspend [Yes]
Suspend Type [Stop Grant]
MODEM Use IRQ [3]
Suspend Mode Disabled
HDD Power Down Disabled
Soft-Off by PWR-BTTN [Instant-Off]
CPU THRM-Throttling [50.0%]
Wake-Up by PCI card [Enabled]
Power On by Ring [Enabled]
Resume by Alarm [Disabled]
x Date(of Month) Alarm 0
x Time(hh:mm:ss) Alarm 0 : 0 : 0
** Reload Global Timer Events **
Item Help
Menu Level ▶
↑↓→←:Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help
F5: Previous Values F6: Fail-Safe Defaults F7: Optimized Defaults

Figure 4.6 Power Management Setup

4.2.7 PnP/PCI Configurations

By choosing the PnP/PCI Configurations option from the Initial Setup Screen menu, the screen below is displayed. This sample screen contains the manufacturer's default values for the PCM-9587 Series.

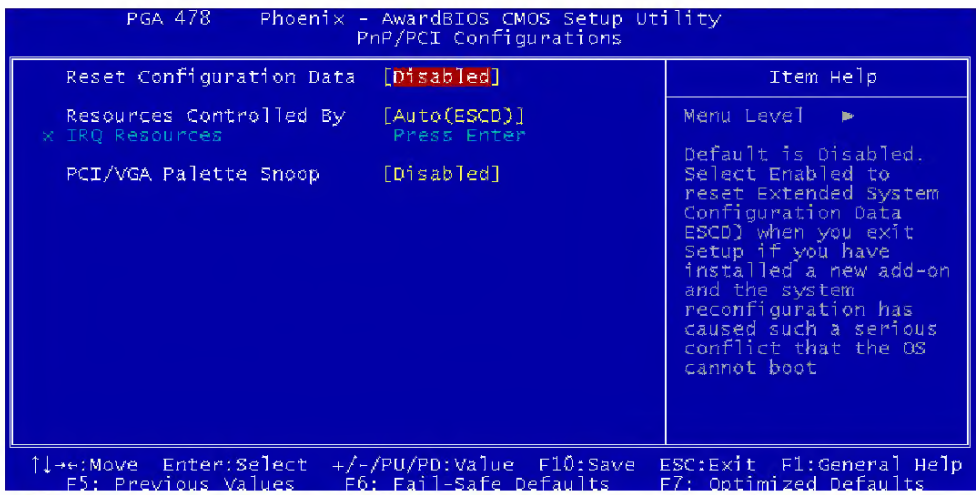
PGA 478 Phoenix - AwardBIOS CMOS Setup Utility
PnP/PCI Configurations
Reset Configuration Data [Disabled]
Resources Controlled By [Auto(ESCD)]
x IRQ Resources Press Enter
PCI/VGA Palette Snoop [Disabled]
Item Help
Menu Level ▶
Default is Disabled. Select Enabled to reset Extended System Configuration Data ESCD) when you exit Setup if you have installed a new add-on and the system reconfiguration has caused such a serious conflict that the OS cannot boot
↑↓→←:Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help
F5: Previous Values F6: Fail-Safe Defaults F7: Optimized Defaults

Figure 4.7 PnP/PCI Configurations

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Water drain

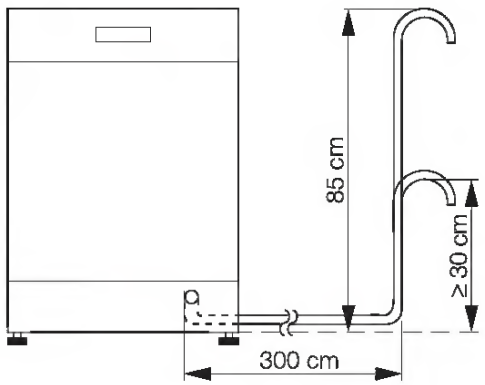
Drain hose

The drain hose must not be kinked, crushed or entangled.

- Connecting the drain hose:
  - Maximum permitted height: 1 metre.
  - Minimum required height 30 cm above the lower edge of the machine.

Extension hoses

- Extension hoses are available from your dealer or customer service. The internal diameter of the extension hoses must be 19 mm to ensure that the function of the appliance is not impeded.
- Extension hoses may be laid a maximum of 3 metres horizontally; the maximum permitted height for the connection for the drain hose is then 85 cm.



Sink outlet connection

- The outlet of the drain hose (ø 19 mm) fits all commonly available sink outlet spigot types. The outer diameter of the spigot connection must be at least 15 mm.
- The drain hose must be fixed to the sink outlet connection using the hose clamp supplied.

If the dishwasher is fitted at a high position

If the dishwasher is installed at a high level, and the drainhose connection is less than 30 cm from the bottom of the appliance, adapter kit ET 111099520 must be fitted. This is available from Customer Service.

Water drain into wash basins (only possible with free-standing appliances)

In the case that you wish to hang the drain hose in a wash basin, use a detachable hose elbow. You can obtain this from AEG customer service under spare part number ET 646 069 190.

☞ **1.** Fit the elbow to the drain hose.

2. Secure the drain hose against sliding off the edge of the wash basin. Pass a piece of cord through the hose elbow and fix it to the wall or the tap.

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Leak Prevention System

For protection from damage due to water leaks, the dishwasher is equipped with a leak prevention system, the AQUA CONTROL SYSTEM.

In the event of a fault, the safety valve immediately interrupts the supply of water to the appliance and the drain pump switches on. By this means water can neither escape nor overflow. The remaining water in the appliance is automatically pumped out.

The AQUA CONTROL SYSTEM also works when the appliance is switched off – the appliance must however **not** be disconnected from the mains.

Electrical connection

In compliance with electric company technical requirements for mains connections, hard-wired connections to the mains may only be made by approved electri-cians.

When connecting the appliance, observe the German VDE regulations and, if applicable, any additional conditions required by your local electricity supplier. Following installation, live parts and live insulated wiring must not be accessible using a finger test in accordance with EN 60335/DIN VDE 0700.

Information on the electrical connection can be found on the rating plate on the right side of the inner edge of the dishwasher door. If the appliance has a change-over switch, the additional instructions on the change-over diagram in the mains connector box must be observed.

Prior to connecting ensure that the mains voltage and current rating at the site of installation match the nominal voltage and current rating given on the rating plate. The required fuse protection is also to be found on the rating plate.

To isolate the dishwasher from the mains, remove the mains plug.
Important: The plug must still be accessible after the appliance has been installed.
If the appliance is hard-wired to the mains supply, then it must be safely isolated from the mains within the electrical installation with switches intended to ensure **all-pole(N,L1)** disconnection, shall be directly connected to the supply terminals and shall have a contact separation (fuses, cut outs, current trips or similar) of at least 3mm in each pole.

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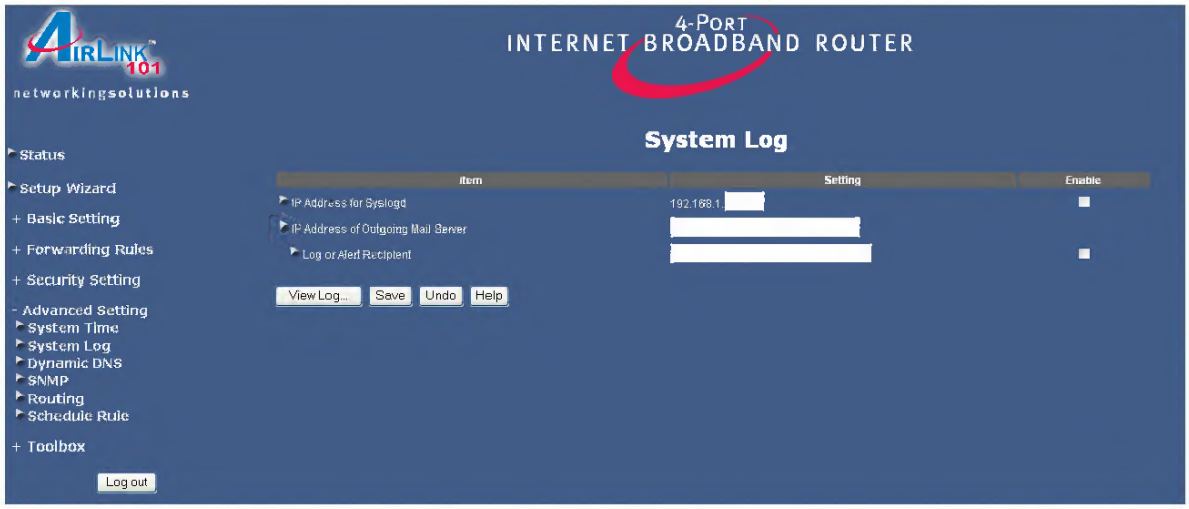
5.5.2 System Log

This page allows you to export the system logs to specific destination by means of syslog (UDP) and SMTP (TCP).



IP Address for Syslog: Enter the destination IP Address where the syslog will be sent to. Be sure to check the **Enable** box.

IP Address of Outgoing Mail Server: Input the SMTP server IP and port. If you do not specify a port number, the default value (25) is used.

Log or Alert Recipient: Enter the e-mail address of the recipient who should receive the logs or alerts. Be sure to check the **Enable** box.

View Log (button): Displays the system log.

Click **Save** to save any changes or click **Undo** to cancel any changes.

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